

FERMENTATION SPARGERS AND CARBONATORS



DESCRIPTION

Brewery Fermentation Spargers and Carbonators are designed to optimize gas absorption in brewing tanks, resulting in lower energy costs, reduced cycle times, and a consistent product. Porous metal spargers offer 10-40% better gas absorption in fermentation and brewing processes than drilled pipe and orifices. These spargers come with highly controllable porosity and customization to meet the desired specifications of your brewing process. If you need a custom solution, our highly trained engineering team will help you design the right sparging system for your application.

PROBLEMS

High energy costs?

High gas usage?

Long cycle times?

Material Compatibility Problems?

Internal Designers Unfamiliar with Proper Sizing and Design?

MOTT'S SOLUTIONS

High gas absorption rates decrease the amount of energy needed for fermentation

Smaller bubble size for higher surface contact ratio reducing the total gas spend

Faster gas absorption decreases the amount of time needed for fermentation

Stainless steel and several other alloys available to meet customer requirements

Team of engineering and application experts available to assist in sizing or overall design

ORDERING INFORMATION

Download our sparging application data sheet at <http://mottcorp.com/products/spargers> or contact our engineering team today



TECHNICAL DETAILS

Finding the right balance of gas usage and time can be challenging in aerobic fermentation systems. Whether you're sparging Oxygen, Nitrogen, or Carbon Dioxide, Mott Spargers and Carbonators can be calibrated to work with your system. Mott's Brewery Fermentation Spargers and Carbonators can help. You don't have to settle for one or the other - our Spargers offer distinct advantages that can help your entire system.

Mott Fermentation Spargers and Carbonators offer:

10-40% increase in initial gas absorption

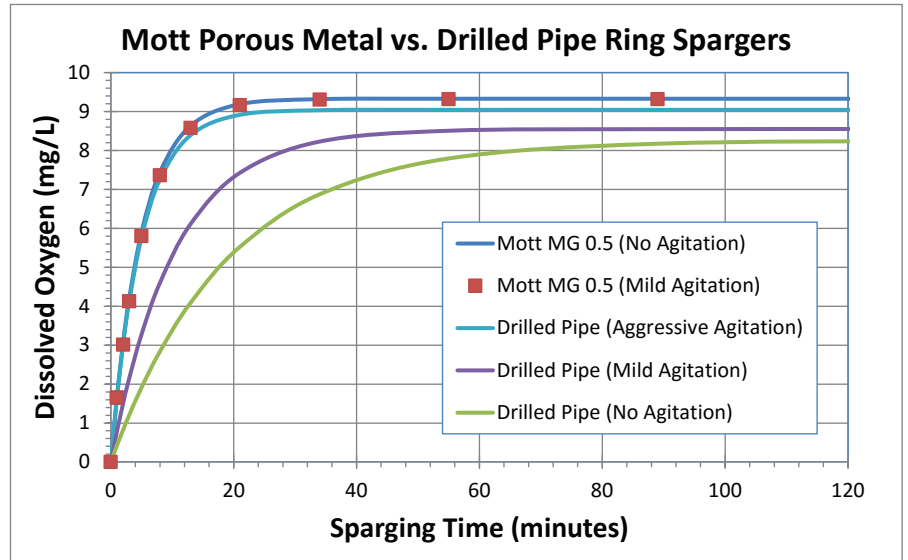
4-6x rate of rise for mild agitation systems

Can be calibrated to any gas, such as O₂, N₂, and CO₂

Choice between a standard component or a custom design to fit your exact setup

Ability to clean using a variety of methods

Dissolved O₂ in water sparging air at 50 CFH



Mott Sparger (Blue) Drilled Pipe (Red)

